

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040155874").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:26
S2	0	345/100,98,204.ccls. and ((scan or gate) near2 (driver or driving)) same (opamp and (vdd or "v.sub.dd") and transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:31
S3	0	"345"/\$.ccls. and ((scan or gate) near2 (driver or driving)) same (opamp and (vdd or "v.sub.dd") and transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:31
S4	2	((scan or gate) near2 (driver or driving)) same (opamp and (vdd or "v.sub.dd") and transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:33
S5	0	((scan or gate) near2 (driver)) same (opamp and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:33
S6	0	((scan or scanning or gate) near2 (driver)) same (opamp and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:34
S7	20727	((scan or scanning or gate) near2 (driver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:37
S8	391	(opamp and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:36
S9	0	("2004/0155874").URPN.	USPAT	OR	OFF	2006/09/08 08:35
S10	696	(op-amp and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:36
S11	0	((scan or scanning or gate) near2 (driver)) same (op-amp and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:40

## EAST Search History

S12	1373	345/100,98,204.ccls. and ((scan or scanning or gate) near2 (driver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:37
S13	7	S12 and (opamp or op-amp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:39
S14	362	S12 and (amplifier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:39
S15	56	((scan or scanning or gate) near2 (driver)) same (amplifier and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:40
S16	8	"345"/\$.ccls. and ((scan or scanning or gate) near2 (driver)) same (amplifier and (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:49
S17	1409	"345"/\$.ccls. and ((scan or scanning or gate) near2 (driver) near2 (circuit or circuitry))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 08:49
S18	31	"345"/\$.ccls. and ((scan or scanning or gate) near2 (driver) near2 (circuit or circuitry)) same (amplifier or opamp or op-amp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 09:11
S19	1984	345/211,213.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 09:11
S20	294	S19 and ((gate or scan or scanning) near2 driver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 09:12
S21	8	S19 and ((gate or scan or scanning) near2 driver) same (amplifier or opamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 09:12

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S22	8	S19 and ((gate or scan or scanning) near2 driver) same (amplifier or opamp or op-amp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 09:15
S23	29	"345"/\$.ccls. and ((scan or scanning or gate) near3 driver\$1) and (photocoupler or photo-coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:15
S24	80	"345"/\$.ccls. and (scan\$4 or gate) and (photocoupler or photo-coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:16
S25	51	S24 not S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:16
S26	16	S25 and (amplifier or opamp or op-amp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/08 10:16
S27	1	("2002/0196210").URPN.	USPAT	OR	OFF	2006/09/08 10:27
S28	8	("5767823" "5814946" "6166490" "6195196" "6204834" "6340962" "6366266" "6587087").PN.	USPAT	OR	OFF	2006/09/08 10:27
S29	3	("4914353").PN. OR ("6281633").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/08 10:29
S30	52	("4045790"   "4247802"   "4315259"   "4554537"   "4684849"   "4737687"   "4900987"   "5210468").PN. OR ("5420602").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/08 11:22
S31	356	345/100,98,204.ccls. and (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/08 11:22
S32	18	345/100,98,204.ccls. and ((opamp or op-amp or "operational amplifier") same ((gate or scan\$4) near3 driver\$1))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/08 11:23
S33	1549	"345"/\$.ccls. and (opamp or op-amp or (operational adj amplifier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 07:55
S34	52	"345"/\$.ccls. and (opamp or op-amp or (operational adj amplifier)) same ((row or scan or scanning or x) near2 (driver or driving or drives))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:32

## EAST Search History

S35	6	"345"/\$.ccls. and (nfet near4 pfet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 08:31
S36	465	"345"/\$.ccls. and (nmos near3 pmos)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 08:31
S37	7	"345"/\$.ccls. and ((nmos near3 pmos) same (scan adj driver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 08:37
S38	12	"345"/\$.ccls. and ((nmos near3 pmos) same (opamp or op-amp or (operational adj amplifier)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 08:52
S39	29	"345"/\$.ccls. and ((push near3 pull) same (opamp or op-amp or (operational adj amplifier)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 08:52
S40	0	"345"/\$.ccls. and (amplifies adj (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:32
S41	0	"345"/\$.ccls. and (amplifies near4(vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:33
S42	20	"345"/\$.ccls. and (amplifies same (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:36
S43	2	"345"/\$.ccls. and (amplifies with (vdd or "v.sub.dd"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:39
S44	46	"345"/\$.ccls. and (amplifies with (opamp or op-amp or "operational amplifier"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:39

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S45	0	"345"/\$.ccls. and (amplifies with (opamp or op-amp or "operational amplifier") same ((gate or scan) near2 (driver)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:02
S46	1	(amplifies with (opamp or op-amp or "operational amplifier") same ((gate or scan) near2 (driver)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:41
S47	126	(amplif\$4 with (opamp or op-amp or "operational amplifier") same ((gate or scan) near2 (driver)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:01
S48	19	S47 and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:42
S49	19	"345"/\$.ccls. and (amplif\$4 same (opamp or op-amp or "operational amplifier") same ((gate or scan) near2 (driver)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:04
S50	20	(amplif\$4 same (opamp or op-amp or "operational amplifier") same ((gate or scan) near2 (driver))) and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:05
S51	7	S50 not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:05
S52	21	"345"/\$.ccls. and (current adj amplifier) same (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:46
S53	0	((scan or gate) near3 driver) same (current adj amplifier) same (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:21
S54	0	((scan or gate or y or y-axis) near3 driver) same (current adj amplifier) same (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:21

## EAST Search History

S55	86	((scan or gate or y or y-axis) near3 driver) same (current ) same (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:26
S56	4	S55 and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:21
S57	53	((scan or gate or y or y-axis) near3 driver) same (current ) same (opamp or op-amp or "operational amplifier") same transistor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:27
S58	41	"345"/\$.ccls. and (current) same (opamp or op-amp or "operational amplifier") same ((gate or scan) near6 driv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 09:46
S59	16	("4870396"   "4909602"   "5296847"   "5379050").PN. OR ("5561442").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:12
S60	36	"345"/\$.ccls. and (gate adj voltage\$1) same (opamp or op-amp or "operational amplifier")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 10:25
S61	5	("5315396"   "5587722"   "5606340").PN. OR ("5754151").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:37
S62	42	"345"/\$.ccls. and (operational adj amplifier) and (analog adj switches) and (buffer) and (gate near3 voltage\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:49
S63	0	"345"/\$.ccls. and (operational adj amplifier) same (analog adj switch\$2) same transistor\$1 same ((gate near3 voltage\$1) or ("v.sub.gh" or vgh or vgl or "v.sub.gl")) same polarity	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:52
S64	1	(operational adj amplifier) same (analog adj switch\$2) same transistor\$1 same ((gate near3 voltage\$1) or ("v.sub.gh" or vgh or vgl or "v.sub.gl")) same polarity	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:52
S65	57	(operational adj amplifier) same transistor\$1 same ((gate near3 voltage\$1) or ("v.sub.gh" or vgh or vgl or "v.sub.gl")) same polarity	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:53
S67	0	"345"/\$.ccls. and (operational adj amplifier) same transistor\$1 same ((gate near3 voltage\$1) or ("v.sub.gh" or vgh or vgl or "v.sub.gl")) same polarity	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 11:08
S68	0	S65 and "345"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:54
S69	7	S65 and display	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 10:54
S70	64	"345"/\$.ccls. and (operational adj amplifier) same transistor\$1 same ((gate near3 voltage\$1) or ("v.sub.gh" or vgh or vgl or "v.sub.gl"))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 11:08